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[PDF] Using Dynamic Binary Translation to Fuse Dependent Instructions

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... Dynamic binary **translation/optimization** using a ... performed as a **single-pass** scan in order to enable fast. dynamic **translation**. ...

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[PDF] Dynamic Optimization in the Mainframe World

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... the **translation** table for a join point **preceding** the ... at one level impairs **optimization** at. another level. In order to **perform** rapid comparisons, ...

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[PDF] Why A Two Pass Front End?

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... implementation because of the one-**pass compilation** environment, ... A **preceding** section listed reasons for considering **using** a two-**pass** front end. ...

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[PDF] High Speed Compilation of Efficient Object Code

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... produced by the **preceding pass** in essentially the reverse of ... stresses high **speed compilation**, **optimization** is performed. within this constraint. ...

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[PDF] THE FLORIDA STATE UNIVERSITY COLLEGE OF ARTS AND SCIENCES USING DE ...

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... **translation** and de-**optimization**. Additional benefits of the work done in this

... Each benchmark program was instrumented during **compilation using** the ...

etd.lib.fsu.edu/theses/available/etd-07102004-110438/unrestricted/thesis.pdf - [Similar pages](#)

[PDF] Java Annotation-Aware Just-In-Time (AJIT) Compilation System

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... **compilation** system, the **translation** of bytecodes into. 1. Array bound checks have been omitted. ... notated Java bytecodes is done in a **single pass** over ...

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[PDF] A variable-radix digit-serial design methodology and its ...

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... In a **single pass** of the **optimization** process, the following. operations are carried out. ... 3) Arithmetic operators **perform** their computation **using** ...

www.cse.cuhk.edu.hk/~phwl/mt/public/archives/papers/dct_tvlsi02.pdf - [Similar pages](#)

Patent 4656583: Method for improving global common subexpression ...

... by the **preceding** step, and finally redundant code is removed **using** the ...

Many articles in the literature discuss how to **perform** this **optimization**; ...

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[PDF] Java Annotation-Aware Just-In-Time AJIT Compilation System

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... to **perform** significant **optimization** in order to gener-. ate high-quality native code. ... **compilation** system, the **translation** of bytecodes into ...

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[PDF] [A Comprehensive XQuery to SQL Translation using Dynamic Interval ...](#)

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... be merged **using** the structural comparison in a **single pass** ... implements the SQL query generated **using** the **translation**. rules detailed in Section 4. ...

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... a **single** language. Since the **translation** from some logics such as CTL ...
the active **optimization** passes. For this example **Perform** ...

iss.cs.cornell.edu/Publications/Papers/ISSTA2004.pdf - [Similar pages](#)

[Patent 4567574: Optimizing cobol object code instruction path ...](#)

... **Optimization** is usually an integral part of **translation** or **compilation** of ...
the **single** **PERFORM** statement, and there is no way that control can **pass** to ...

www.freepatentsonline.com/4567574.html - 56k - [Cached](#) - [Similar pages](#)

[High Performance Fortran **Compilation** Techniques for Parallelizing ...](#)

... **Using** the **compilation** techniques described in this paper we achieve performance

... There is no subscript **translation** to **perform**; CPs from each use are ...

www.cs.rice.edu/~adve/Papers/ SC98.NASBenchmarksStudy/INDEX.HTM - 96k - [Cached](#) - [Similar pages](#)

[CHAPTER 2 - **Using** the C++ Compiler](#)

... the default a.out file **using** the mv command after each **compilation**. ...

as in the **preceding** example and the makefile's **compilation** rules are implicit, ...

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... a JIT compiler will still need to **perform** signicant **optimization** in order ...

(AJIT) **compilation** system, the **translation** of bytecodes into ...

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[\[PPT\] Languages and Compilers \(SProg og Oversættelse\)](#)

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... A **single** pass compiler makes a **single** pass over the source text, parsing, ...

The output of a **preceding** phase is stored in a data structure and used by ...

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[\[PDF\] A User's Guide to the **Optimization** Programming Interface](#)

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... algorithms written **using** the OPI are intended for use as **passes**. ... on the

optimization setting: traditional static **compilation** involves more ...

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... Time JIT compiler to not only generate native code, but **perform** **optimization**

as well. ... AJIT **compilation** system, the **translation** of bytecodes into ...

aspen.ucs.indiana.edu/CandCPandE/ jg99papers/C440JGFSIazevedoFINAL/c440resubmit.pdf - [Similar pages](#)

[\[PS\] Interprocedural **Compilation** of Fortran D \(extended version\) Mary W ...](#)

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... the Fortran D compiler to **perform** **compilation** in a **single** pass over each ...

of interprocedural **optimization** **using** the routine dgefa from Linpack, ...

www.cs.umd.edu/projects/cosmic/papers/jpdc96.ps - [Similar pages](#)

Rx

... Expression **Compilation**, you can match it against strings **using** regexec
that compiled expressions can be freed **using** a **single** call to "free(3)". ...
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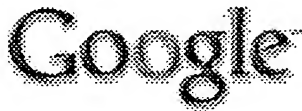


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... **optimization** engine to **perform** optimizations speculatively. ... on frames,
from simple **single-pass** elimination of redun- ...

ieeexplore.ieee.org/iel5/ 12/20168/00931895.pdf?arnumber=931895 - [Similar pages](#)

[\[PDF\] Dynamic Optimization of Interpreters using DynamoRIO Iris Baron](#)

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... Unlike **dynamic compilation** or **dynamic translation**, **dynamic optimization** is not
... would **perform optimization** dynamically, **using** program specification. ...

www.cag.lcs.mit.edu/commit/papers/03/iris-SMthesis.pdf - [Similar pages](#)

[HP C/HP-UX Compiler Online Help - HP-UX 11i v1.5 for IPF ...](#)

... This lets you **perform** full **optimization** of large procedures, ... You can **pass**
arguments to the compiler **using** the CCOPTS environment variable or include ...

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... pacted by the **translation** strategy and the **optimization** performed. ...
putations **using** a **compilation** scheme based on deferred material- ization. ...

www.research.ibm.com/vliw/isca31/ Binary%20translation%20and%20architecture%20convergence%20issues%
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... is to **perform** on-the-fly hardware **translation** similar to the ... implemented via
a **single-pass** linear scan of instructions ...

www.ece.wisc.edu/~jes/papers/kimh_ildp.pdf - [Similar pages](#)

[Aldor Compiler User Guide: Section III, Chapter 18: Using Aldor ...](#)

... figure 18.1 shows a simple Aldor program **using** the AXIOM library. ... will only
be supported for as long as it takes to **perform** this **translation**. ...

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... the Fortran. D compiler. to per- form. **compilation**. in. a **single. pass** ...
the flexibility. y. needed. to **perform**. interprocedural. **optimization**. ...

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... line being processed during the second-**pass compilation** of a program unit.

... to a second **pass** over the program unit) to **perform** the actual **translation** ...

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... **optimization**. To **perform** copy folding, the compiler interprets a copy as ...
optimization pass. This high ideal suffers from practical considerations, ...

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... We develop a **compilation pass** that performs automatic transformations at ...
can be compiled directly to hardware **using** a custom **compilation** scheme (e). ...

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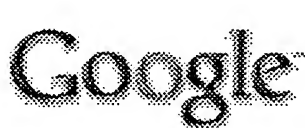


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... language described in the **preceding** section. Using this. description the assembler divides ... We expect future VMs to **perform compilation** in parallel ...

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[Using and Porting GNU CC - GNU CC Command Options](#)

... Options That Control **Optimization**) when recompiling, to optimize **using** ...

Note that the **compilation** options must be given as a **single** argument to ...

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... This **translation** can be achieved **using** a variety of techniques which ...

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[Man Page cc.1](#)

... The **compilation** process may be stopped after the completion of any **pass** if the appropriate ... as well as the **single pass** of the default **optimization**. ...

camden-www.rutgers.edu/HELP/Documentation/Sun-compiler-docs/WS6/mr/man1/cc.1.html - 108k -

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... into a **single** dependency file suitable for **using** with the 'make' command. ...

that it should **perform** a relaxation **optimization pass** to shorten branches, ...

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[GNU Compiler Collection \(GCC\) Internals](#)

... note and are not useful to the early **optimization passes** and pseudo registers

... Loop **optimization** uses this note to treat such a sequence as a **single** ...

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... The standard techniques for linearizing a program in a **single pass** ... is not used peephole **optimization** is necessary to obtain a minimal CFG when **using** ...

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... architecture, **using** dynamic binary **translation** to a simple, high per- ... the next code block to **perform** better **optimization**. Such optimiza- ...

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... If information has been used for **optimization** of a **translation** group, ...
putations **using a compilation** scheme based on deferred material-. ization. ...

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